

# Material Safety Data Sheet

## U.S. Department of Labor

May be used to comply with

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

Occupational Safety and Health  
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (*As Used on Label and List*)

**Electrolyte 71**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name Ostling Markiersysteme GmbH	Emergency Telephone Number 011-49-212-2696-0 US 800-607-5467
Address ( <i>Number, Street, City, State, and ZIP Code</i> ) Brosshauser Strabe 27 D-42697 Solingen, Germany	Telephone Number for Information 011-49-212-2696-0 US 800-607-5467
US Distributor Ostling/Tykma Marking Systems 931 East Water Street Chillicothe, Ohio 45601 877-318-9562	Date Prepared 04/02/02

### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
preparation of organic substances with oxidizing effect based on mineral water matrix				
chemical characterization: CAS No. Designation: 7632-00-Orisk-phase R 25				
Hazard designation X unhealthy				

### Section III - Physical/Chemical Characteristics

Boiling Point	Not determined	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A

Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water 100%			
Appearance and Odor – transparent color and odorless			

#### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-combustible	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Do not use extinguishing powder with ammonium salts			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

(Reproduce locally)

OSHA 174, Sept. 1985

#### Section V - Reactivity Data

Stability	Unstable NO		Conditions to Avoid - > 380 degrees celcius
	Stable YES		
Incompatibility ( <i>Materials to Avoid</i> )- acids ammonium salts, amines			
Hazardous Decomposition or Byproducts - none			
Hazardous Polymerization	May Occur No		Conditions to Avoid - with acids reaction to nitrous fumes
	Will Not Occur- Yes		

#### Section VI - Health Hazard Data

Route(s) of Entry: Unknown	Inhalation? No irritants effects known	Skin? No irritant effects known	Ingestion? Poisonous if swallowed
Health Hazards ( <i>Acute and Chronic</i> ) Void			
Carcinogenicity: Unknown	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? No
Signs and Symptoms of Exposure - no sensitizing effect			
Medical Conditions - Unknown Generally Aggravated by Exposure - Unknown			
Emergency and First Aid Procedures After inhalation supply fresh air, after open skin contact- rinse with water, after eye contact rinse opened eye for several minutes with copious amounts of running water,			

after swallowing rinse out mouth and drink copious amounts of water- induce vomiting and consult doctor.

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled – absorb with liquid-binding material (saw-dust, paper, etc.)

Waste Disposal Method – the ordinances applicable to disposal in your area are to be strictly adhered to  
Waste disposal key number-52720  
Packaging should be emptied and thoroughly cleaned before reuse.

Precautions to Be taken in Handling and Storing - General protective and hygienic measures - room must be well ventilated and stored away from acidic agents. Keep container tightly sealed.

Other Precautions - Do not allow product to reach ground water, water bodies, or sewage system without pretreatment; complication of decomposition activity of adapted activated sludge are not expected

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> ) room must be well ventilated		
Ventilation - Well Ventilated	Local Exhaust - N/A	Special - N/A
	Mechanical ( <i>General</i> ) keep container tightly sealed , non-combustible - store away from acidic agents	Other - N/A
Protective Gloves – Not necessary		Eye Protection - Not necessary
Other Protective Clothing or Equipment – Not necessary		
Work/Hygienic Practices - N/A		

\* U.S.G.P.O.: 1986 - 491 - 529/45775